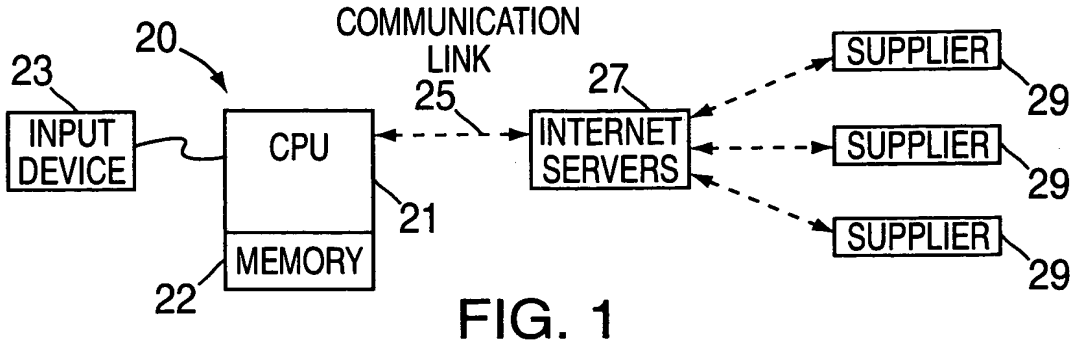

FIG. 1

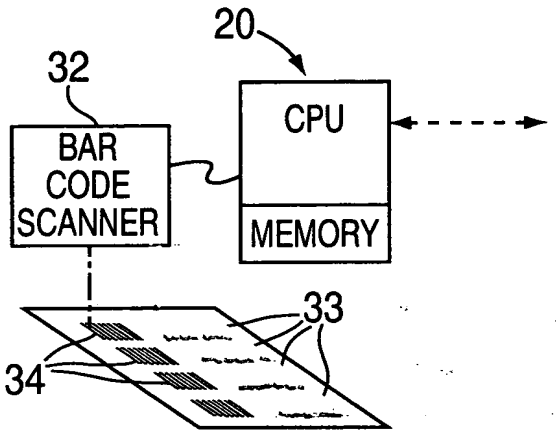

FIG. 1A

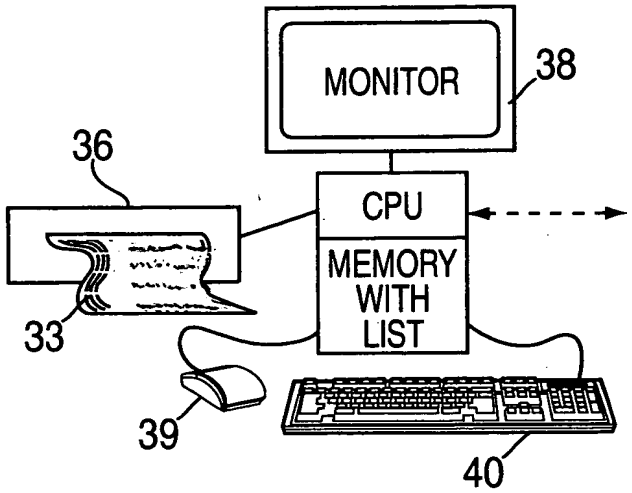

FIG. 1B

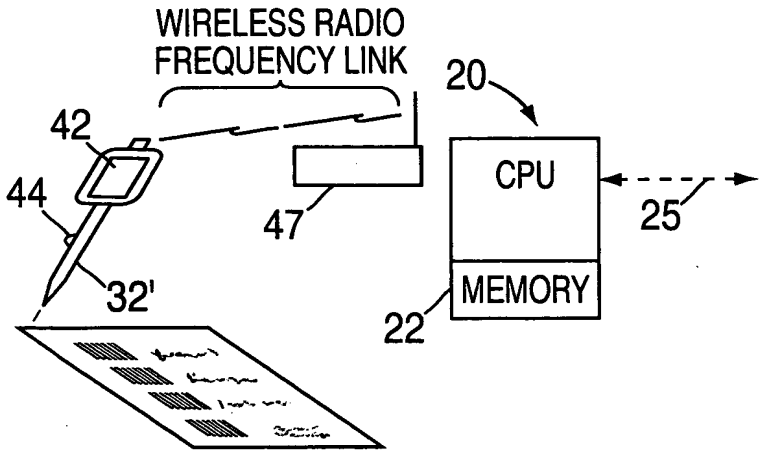

FIG. 1C

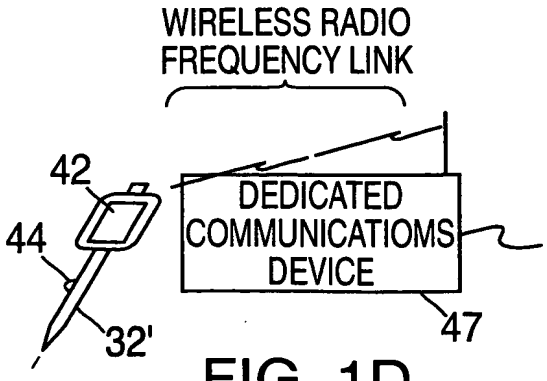

FIG. 1D

SCANNED, #___

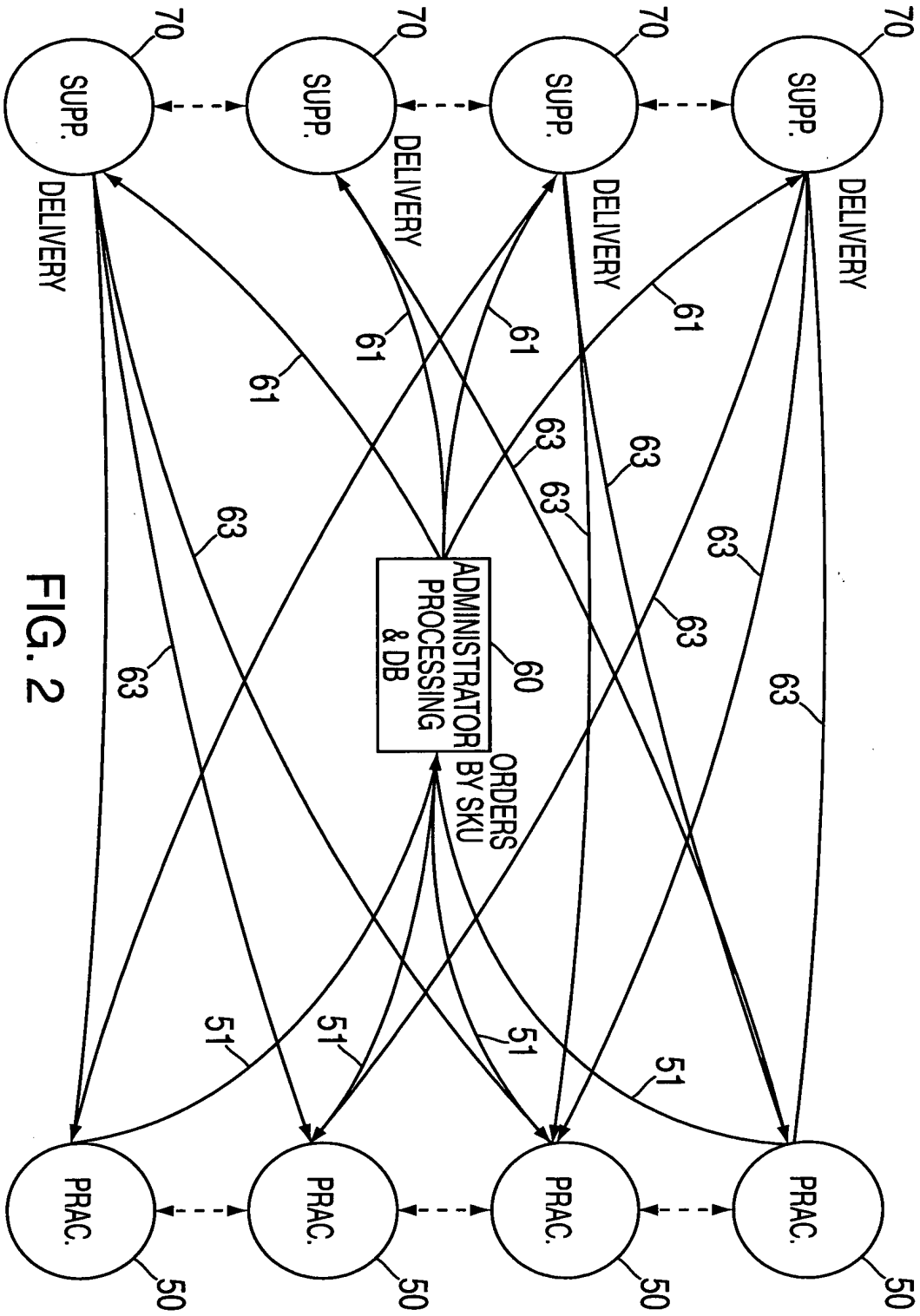

FIG. 2

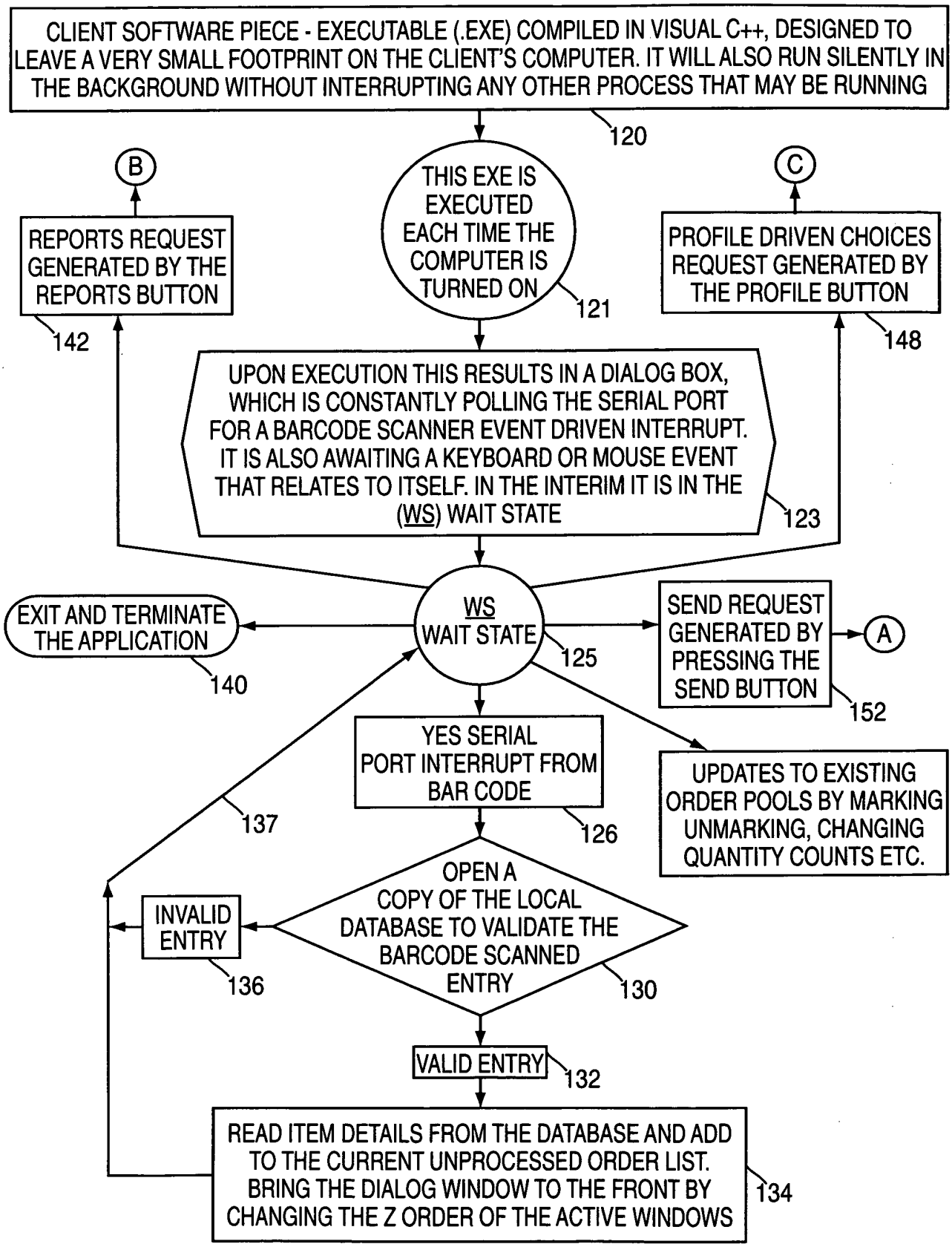
CLIENT SOFTWARE PIECE - EXECUTABLE (.EXE) COMPILED IN VISUAL C++, DESIGNED TO LEAVE A VERY SMALL FOOTPRINT ON THE CLIENT'S COMPUTER. IT WILL ALSO RUN SILENTLY IN THE BACKGROUND WITHOUT INTERRUPTING ANY OTHER PROCESS THAT MAY BE RUNNING
120
THIS EXE IS EXECUTED EACH TIME THE COMPUTER IS TURNED ON
121
B
REPORTS REQUEST GENERATED BY THE REPORTS BUTTON
142
C
PROFILE DRIVEN CHOICES REQUEST GENERATED BY THE PROFILE BUTTON
148
UPON EXECUTION THIS RESULTS IN A DIALOG BOX, WHICH IS CONSTANTLY POLLING THE SERIAL PORT FOR A BARCODE SCANNER EVENT DRIVEN INTERRUPT. IT IS ALSO AWAITING A KEYBOARD OR MOUSE EVENT THAT RELATES TO ITSELF. IN THE INTERIM IT IS IN THE (WS) WAIT STATE
123
WS WAIT STATE
125
EXIT AND TERMINATE THE APPLICATION
140
SEND REQUEST GENERATED BY PRESSING THE SEND BUTTON
152
A
YES SERIAL PORT INTERRUPT FROM BAR CODE
126
UPDATES TO EXISTING ORDER POOLS BY MARKING UNMARKING, CHANGING QUANTITY COUNTS ETC.
137
OPEN A COPY OF THE LOCAL DATABASE TO VALIDATE THE BARCODE SCANNED ENTRY
130
INVALID ENTRY
136
VALID ENTRY
132
READ ITEM DETAILS FROM THE DATABASE AND ADD TO THE CURRENT UNPROCESSED ORDER LIST. BRING THE DIALOG WINDOW TO THE FRONT BY CHANGING THE Z ORDER OF THE ACTIVE WINDOWS
134

FIG. 3

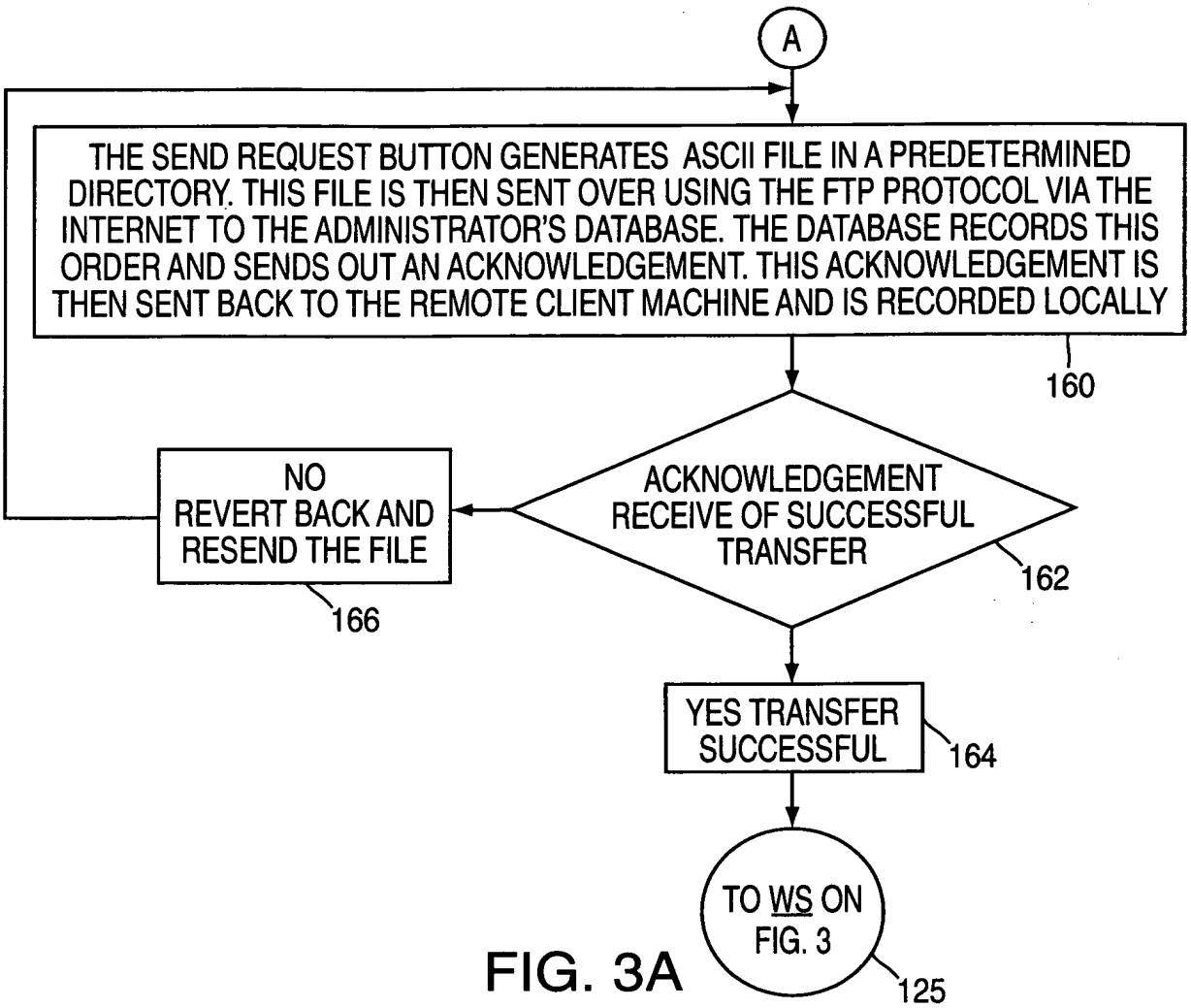
A
THE SEND REQUEST BUTTON GENERATES ASCII FILE IN A PREDETERMINED DIRECTORY. THIS FILE IS THEN SENT OVER USING THE FTP PROTOCOL VIA THE INTERNET TO THE ADMINISTRATOR'S DATABASE. THE DATABASE RECORDS THIS ORDER AND SENDS OUT AN ACKNOWLEDGEMENT. THIS ACKNOWLEDGEMENT IS THEN SENT BACK TO THE REMOTE CLIENT MACHINE AND IS RECORDED LOCALLY
160
ACKNOWLEDGEMENT RECEIVE OF SUCCESSFUL TRANSFER
162
NO REVERT BACK AND RESEND THE FILE
166
YES TRANSFER SUCCESSFUL
164
TO WS ON FIG. 3
125

FIG. 3A

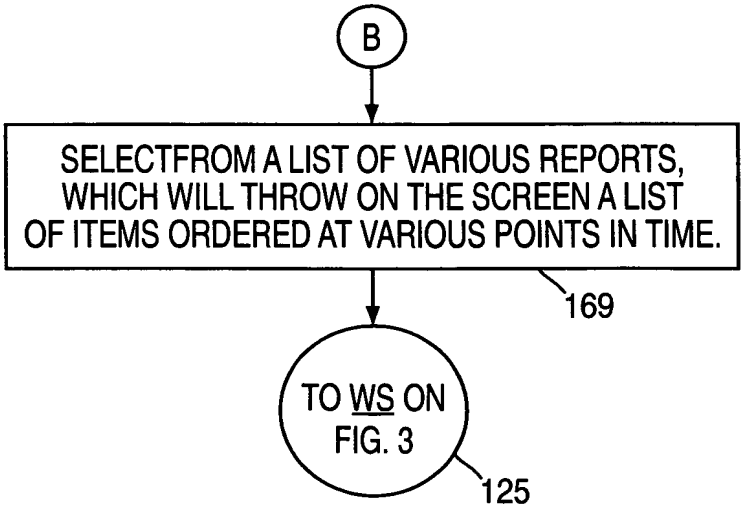
B
SELECTFROM A LIST OF VARIOUS REPORTS, WHICH WILL THROW ON THE SCREEN A LIST OF ITEMS ORDERED AT VARIOUS POINTS IN TIME.
169
TO WS ON FIG. 3
125

FIG. 3B

SCANNED, #____

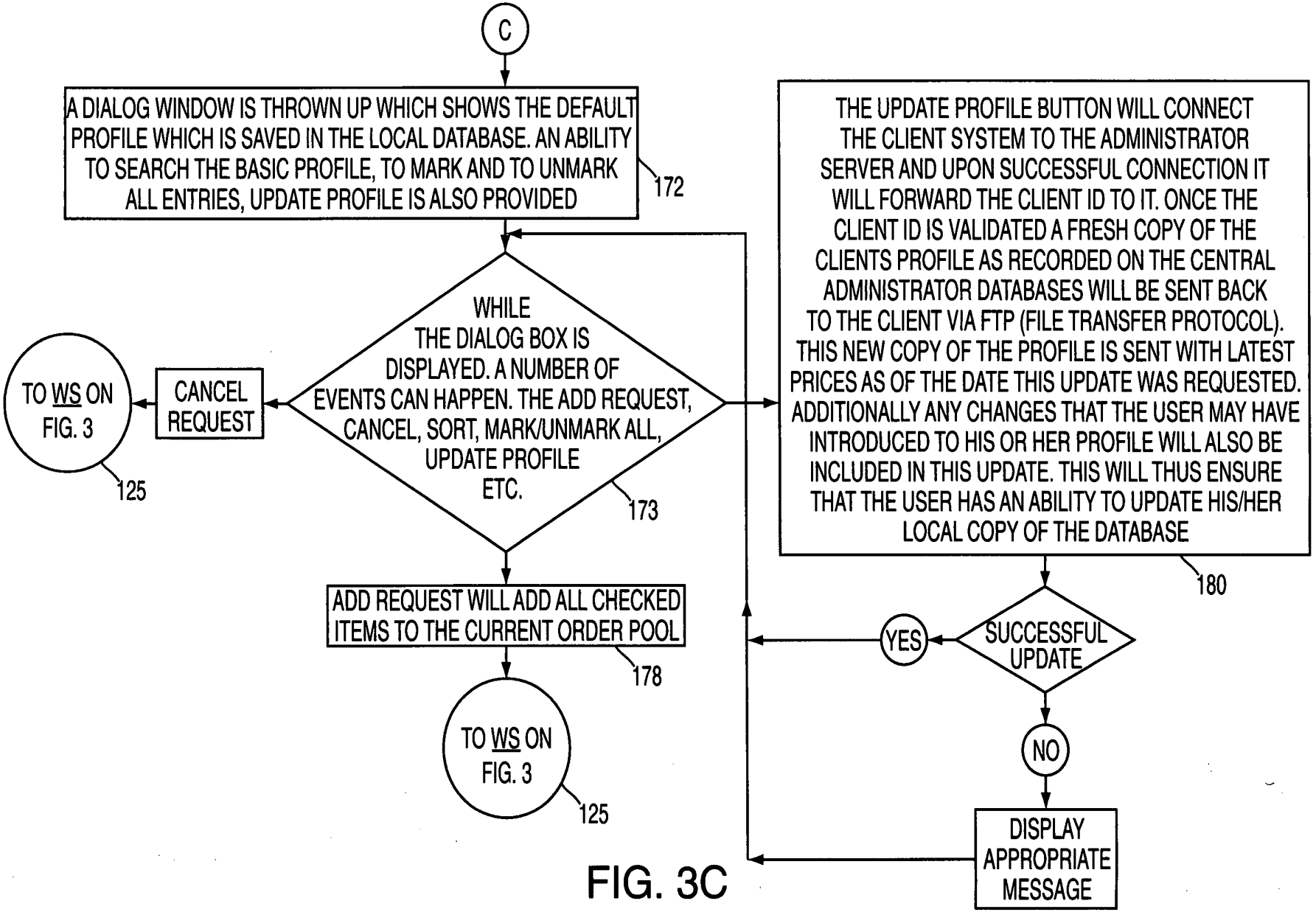

FIG. 3C

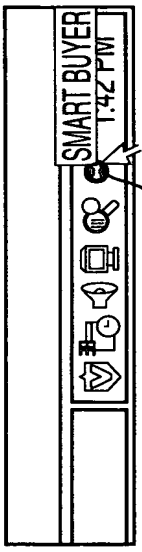
SMART BUYER
126

FIG. 4

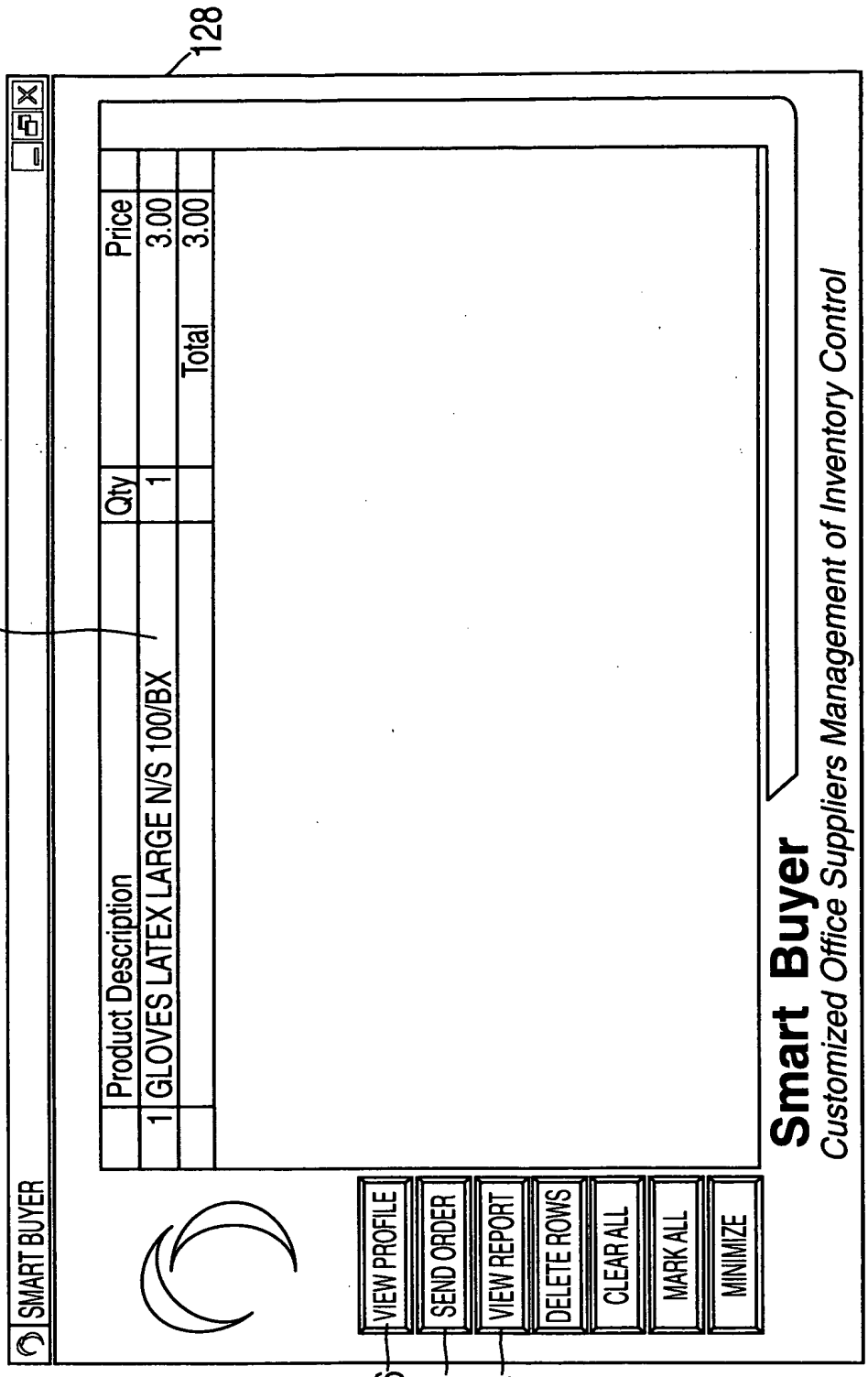
128
135
SMART BUYER
Product Description
Qty
Price
1 GLOVES LATEX LARGE N/S 100/BX
1
3.00
Total
3.00
Smart Buyer
Customized Office Suppliers Management of Inventory Control
VIEW PROFILE
SEND ORDER
VIEW REPORT
DELETE ROWS
CLEAR ALL
MARK ALL
MINIMIZE
146
150
144

FIG. 5

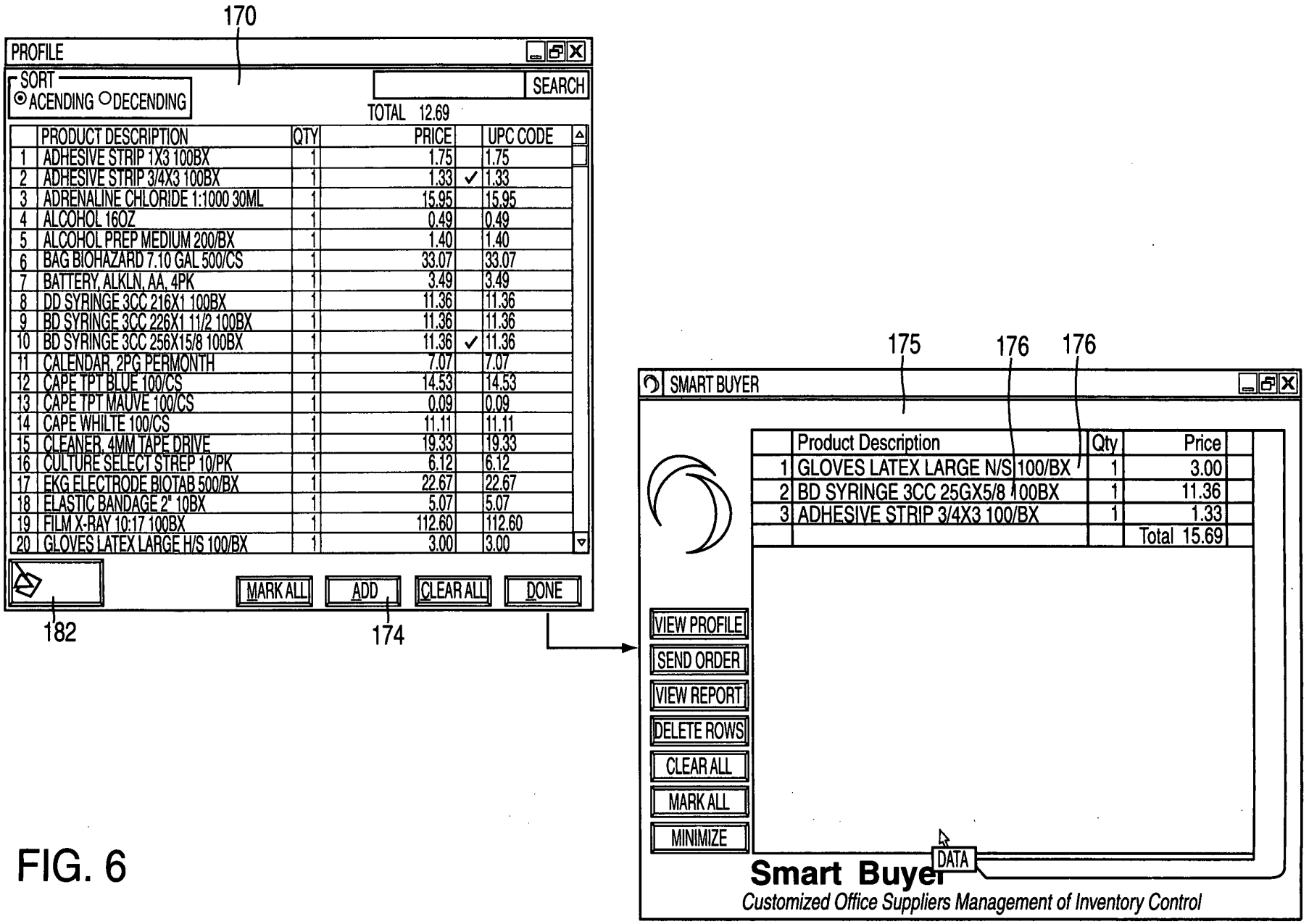
170
PROFILE
SORT
ACENDING
DECENDING
SEARCH
TOTAL 12.69
PRODUCT DESCRIPTION
QTY
PRICE
UPC CODE
1 ADHESIVE STRIP 1X3 100BX 1 1.75 1.75
2 ADHESIVE STRIP 3/4X3 100BX 1 1.33 ✓ 1.33
3 ADRENALINE CHLORIDE 1:1000 30ML 1 15.95 15.95
4 ALCOHOL 16OZ 1 0.49 0.49
5 ALCOHOL PREP MEDIUM 200/BX 1 1.40 1.40
6 BAG BIOHAZARD 7.10 GAL 500/CS 1 33.07 33.07
7 BATTERY, ALKLN, AA, 4PK 1 3.49 3.49
8 DD SYRINGE 3CC 216X1 100BX 1 11.36 11.36
9 BD SYRINGE 3CC 226X1 11/2 100BX 1 11.36 11.36
10 BD SYRINGE 3CC 256X15/8 100BX 1 11.36 ✓ 11.36
11 CALENDAR, 2PG PERMONTH 1 7.07 7.07
12 CAPE TPT BLUE 100/CS 1 14.53 14.53
13 CAPE TPT MAUVE 100/CS 1 0.09 0.09
14 CAPE WHILTE 100/CS 1 11.11 11.11
15 CLEANER, 4MM TAPE DRIVE 1 19.33 19.33
16 CULTURE SELECT STREP 10/PK 1 6.12 6.12
17 EKG ELECTRODE BIOTAB 500/BX 1 22.67 22.67
18 ELASTIC BANDAGE 2" 10BX 1 5.07 5.07
19 FILM X-RAY 10:17 100BX 1 112.60 112.60
20 GLOVES LATEX LARGE H/S 100/BX 1 3.00 3.00
MARK ALL
ADD
CLEAR ALL
DONE
182
174
175
176
176
SMART BUYER
Product Description
Qty
Price
1 GLOVES LATEX LARGE N/S 100/BX 1 3.00
2 BD SYRINGE 3CC 25GX5/8 100BX 1 11.36
3 ADHESIVE STRIP 3/4X3 100/BX 1 1.33
Total 15.69
VIEW PROFILE
SEND ORDER
VIEW REPORT
DELETE ROWS
CLEAR ALL
MARK ALL
MINIMIZE
DATA
Smart Buyer
Customized Office Suppliers Management of Inventory Control

FIG. 6

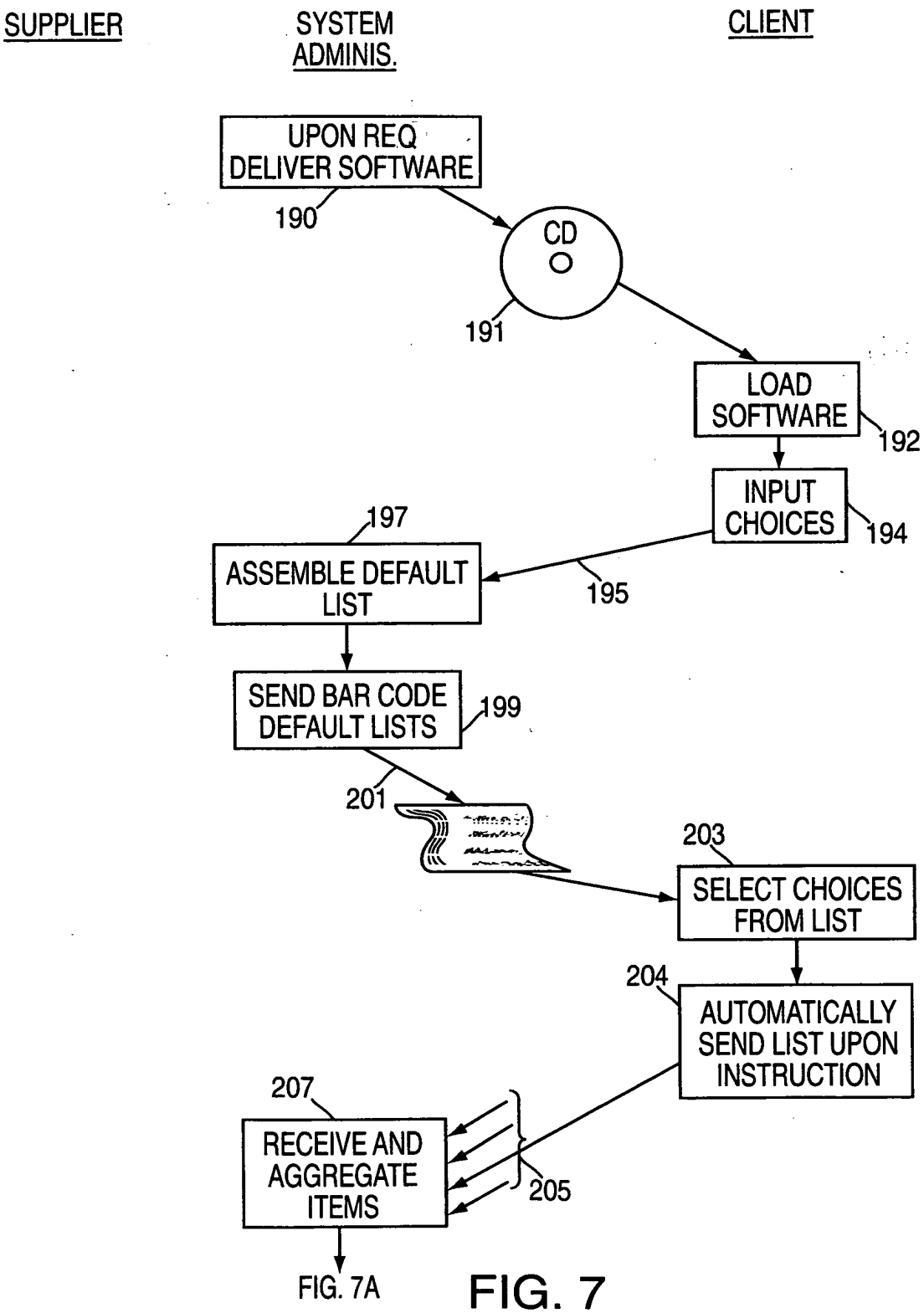
SUPPLIER
SYSTEM ADMINIS.
CLIENT
UPON REQ DELIVER SOFTWARE
190
CD
191
LOAD SOFTWARE
192
INPUT CHOICES
194
197
ASSEMBLE DEFAULT LIST
195
SEND BAR CODE DEFAULT LISTS
199
201
203
SELECT CHOICES FROM LIST
204
AUTOMATICALLY SEND LIST UPON INSTRUCTION
207
RECEIVE AND AGGREGATE ITEMS
205
FIG. 7A

FIG. 7

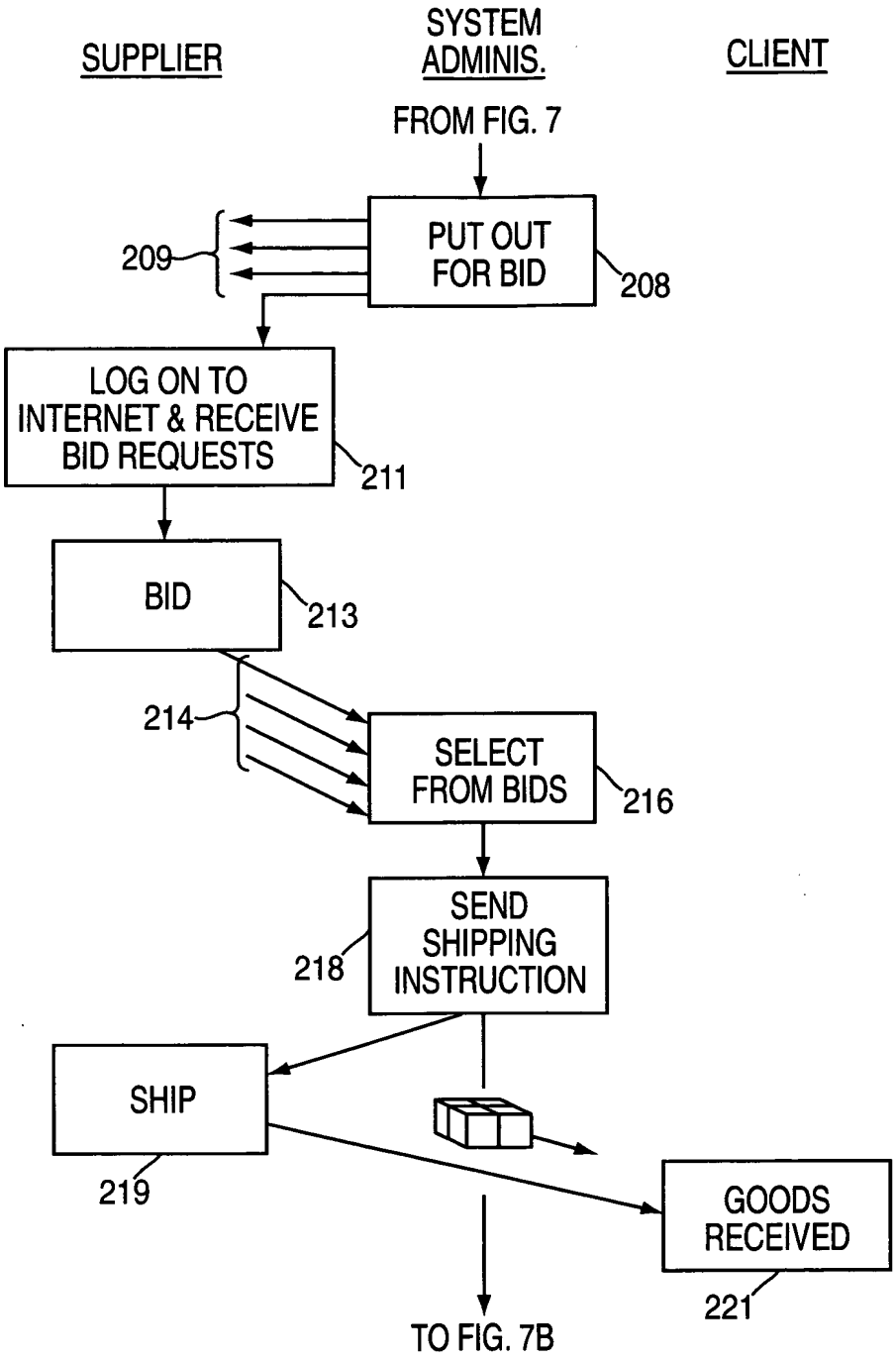
SUPPLIER
SYSTEM ADMINIS.
CLIENT
FROM FIG. 7
PUT OUT FOR BID
208
209
LOG ON TO INTERNET & RECEIVE BID REQUESTS
211
BID
213
214
SELECT FROM BIDS
216
SEND SHIPPING INSTRUCTION
218
SHIP
219
GOODS RECEIVED
221
TO FIG. 7B

FIG. 7A

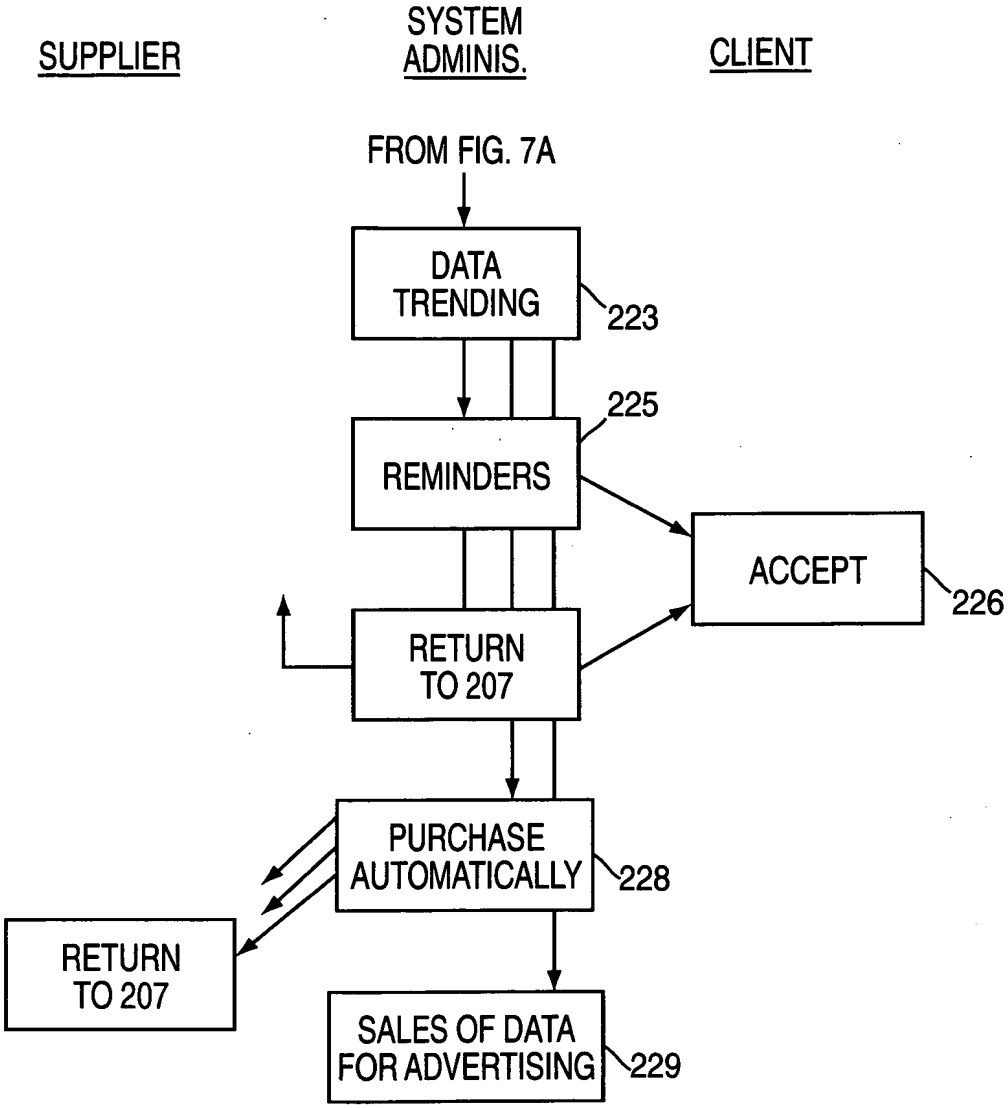
SUPPLIER
SYSTEM ADMINIS.
CLIENT
FROM FIG. 7A
DATA TRENDING
223
225
REMINDERS
ACCEPT
226
RETURN TO 207
PURCHASE AUTOMATICALLY
228
RETURN TO 207
SALES OF DATA FOR ADVERTISING
229

FIG. 7B